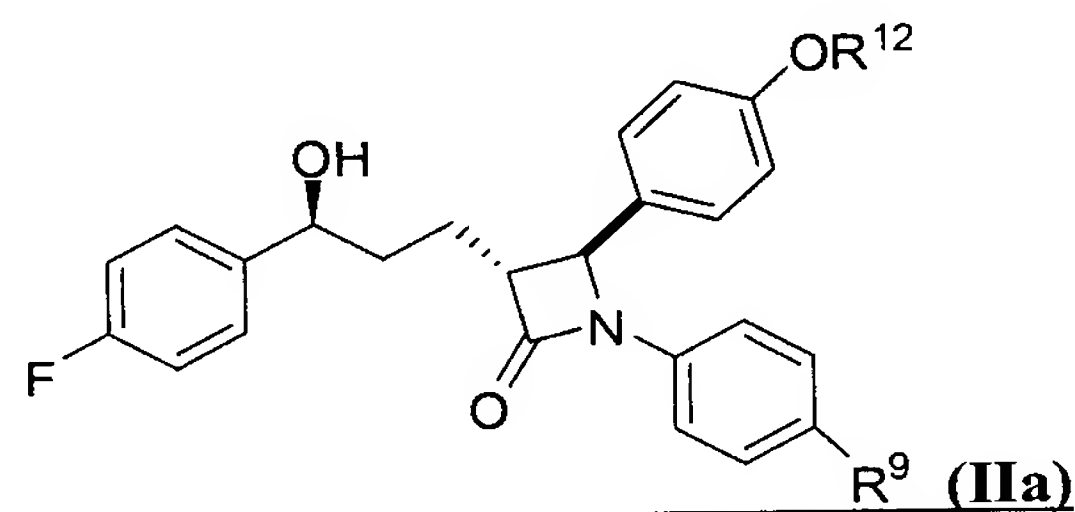


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. **(Currently Amended)** A method for identifying a ligand of NPC1L1 comprising:
 contacting human NPC1L1 with a **candidate compound and a** detectably labeled substituted 2-azetidinone glucuronide **compound selected from the group consisting of compound 1, compound 2, compound 8 and a compound of Formula IIa, and a candidate** compound;



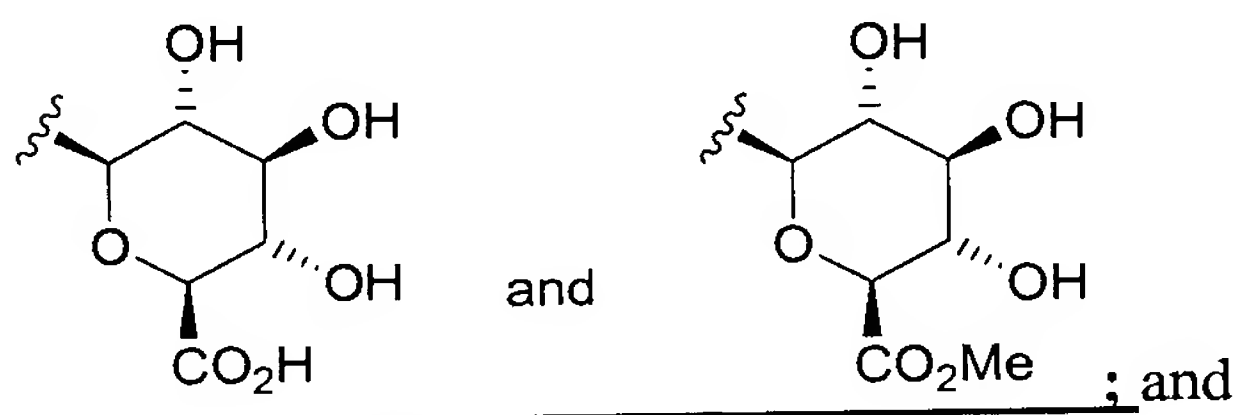
wherein

(i) R⁹ is -C≡C-CH₂-NR¹⁰R¹¹ wherein R¹¹ is selected from the group consisting of -H, -C₁₋₃alkyl, -C(O)-C₁₋₃alkyl, -C(O)-NR¹⁰R¹⁰, -SO₂-C₁₋₃alkyl and -SO₂-phenyl; or

(ii) R⁹ is selected from the group consisting of -C≡C-CH₂-NR¹⁰R¹¹, -C≡C-C(O)NR¹⁰R¹¹, -(CH₂)₃-NR¹⁰-SO₂-C₁₋₃alkyl and -(CH₂)₃-NR¹⁰-SO₂-phenyl, wherein R¹¹ is selected from -SO₂-C₁₋₃alkyl and -SO₂-phenyl;

R¹⁰ is independently selected at each occurrence from -H and -C₁₋₃alkyl; and

R¹² is selected from



determining whether said candidate compound binds to human NPC1L1;

wherein binding of said candidate compound to human NPC1L1 modulates binding of said detectably labeled substituted 2-azetidinone glucuronide to human NPC1L1, ~~wherein the detectably labeled substituted 2-azetidinone glucuronide has a binding affinity K_D value for human NPC1L1 that is 200nM or lower,~~ and wherein said modulation indicates that the candidate compound is a ligand that binds to human NPC1L1.

2-6. (Cancelled)

7. (Currently Amended) The method of claim [[6]] 1, wherein the substituted 2-azetidinone-glucuronide comprises a detectable label from the group consisting of ³H, ³⁵S and ¹²⁵I.

8. (Currently Amended) The method of claim 7, wherein the ~~detectable label is ³⁵S~~
substituted 2-azetidinone-glucuronide is a compound of Formula IIa.

9. (Currently Amended) The method of claim [[6]] 8, wherein the substituted 2-azetidinone-glucuronide is a compound of Formula IIa, wherein R⁹ ~~comprises an -SO₂-~~ is selected from the group consisting of -C≡C-CH₂-NR¹⁰R¹¹, -C≡C-C(O)NR¹⁰R¹¹, -(CH₂)₃-NR¹⁰-SO₂-C₁₋₃alkyl and -(CH₂)₃-NR¹⁰-SO₂-phenyl, and R¹¹ is selected from -SO₂-C₁₋₃alkyl and -SO₂-phenyl.

10. (Currently Amended) The method of claim 9, wherein the substituted 2-azetidinone-glucuronide of Formula IIa is labeled with ³⁵S.

11-20. (Cancelled)

21. (New) The method of claim 10 wherein R⁹ is -C≡C-CH₂-NR¹⁰R¹¹.

22. (New) The method of claim 1 wherein the detectably labeled substituted 2-azetidinone glucuronide is ³⁵S-labeled compound 2

